

ARKLA EXPLORATION CORE TEST No. 3N
NE/NW Sec 18-T14N-R25E, Apache 1-90

M-d

County Apache

Area _____

Lease No. _____

Well Name ARKLA EXPLORATION CO. CORE TEST #3N

Location NE/NW Sec 18 Twp 14N Range 25E Footage _____
Elev 5472? Gr _____ KB Spud _____ Completed _____ Total _____
Date _____ Abandon _____ Depth _____

Contractor _____

Casing Size _____ Depth _____ Cement _____

Drilled by Rotary _____
Cable Tool _____

Production Horizon _____

Initial Production _____

REMARKS _____

Elec Logs _____ Radioactivity Log _____
Applic. _____ Plugging _____ Completion _____
to Plug _____ Record _____ Report _____

Sample Log _____
Sample Descript. _____
Sample Set _____
Core Analysis _____
DSTs _____

Water well accepted by _____

Bond Co. _____
& No. _____

Bond Am't \$ _____

Cancelled _____

Date _____
Organization Report _____

Filing Receipt _____

Dated _____

Well Book _____ Plat Book _____

Loc. Plat _____

Dedication _____

API No. _____

Permit Number _____

Date Issued _____

File No 1-90

AEC #3 NORTH ---URANIUM TEST
SPUD--JULY 15, 1967

CORE 228-42½ REC APPX. 9½'.

CORE 242½-57 REC APPX 13½'.

CORE 257-266 TO REC 9'.

0-15 -SURFACE SD- SUB RD- COARSE GRAIN TRC PK CLAY.

15-20 -SAME - BOULDER SIZE INCREASE IN CLY - PCS PETRIFIED WOOD - NUMEROUS SMALL SLK
FOSPHATE NODULES- PCS SLT ST OF GREEN.

20-25 - SAME AS 0-15 W/BLK NODULES AS ABOVE.

25-30 - SURFACE SD AND PETRIFIED WOOD, PCS CLY, HARD WH PCS SH -RED BRICK AND GREEN.

35 - SURFACE SD SAME - INCREASE IN PETRIFIED WOOD. INC IN COLORED AND VERIGATED SHALE.

40 - COMBINATION PETRIFIED WOOD - SDY PK GLY ST AND PCS COLORED SH.

45 - PETRIFIED WOOD - COLORED SLT ST & SHALE.

50 - CLY ST SDY PK.

55 - SAME W/PETRIFIED WOOD.

60 - SAME PCS MAROON AND GRY WH SH.

65 - ADD PK CLAY - 30% BLUE GRY SH.

70 - SH BLUE GRY & WH PCS VERIGATED PCS MAROON SH.

75 - SHALE - MAROON - WH & VERIGATED MAROON & WHITE (VERIGATED PURP & WHITE).

80 - MIXTURE - MAROON WH PURPLE SH & VERIGATED.

85 - SAME PREDOMNATELY WH & LAVENDER & VERIGATED. TRC YELLOW SH.

90 - 50% AS ABOVE - 50% YELLOW VERIGATED SH -RESEMBLES CONG SH. PCS PETRIFIED WOOD.

95 - SAME - 10% REDDISH BRN SH. SILTY.

100 - SH REDDISH BRN SILTY 40% SILT ST REDDISH BRN MICACEOUS- BIOTITIC IN PT ARENACEOUS
40% SH WH - 20% W/ IMBEDD. MED - COARSE GRN SD & BLK POSPHATE NODULES & CG MATERIAL.

105 - SHALE - CONGLOMERATIC MICA, SANDY REDDISH BROWN, CLY STN YELLOW - WH - 20%.

10 - SAME - PCS LAVENDER SH.

15 - BECOMING MORE CONG & MICA SDY (COARSE) - INC IN YELLOW CHERT & MUD STN.

20 - SAME - BLK NODULES PREDOMNANT.

25 - SAME 30% SD WH - SEMI TRANSP C GRAIN SUB ROUND W/WHITE INTER-STICIAL CLY CEMENT
INC IN PETRIFIED WOOD.

30 - SAND AS ABOVE - SH CONG AS ABOVE - PCS PETRIFIED WOOD.

35 - SAND 10% - SH 20% -SLT, ST BRN MICA IN PT.

40 - CONG SD & SH.

45 - SD - SUB RD TRANSL - C-GRAIN - UN-CONSOLIDATED 70% SLT ST BRN 30%.

50 SD AS ABOVE - ADD PET WOOD. SH SAME- PCS COLORED SH.

55 - SH -REDDISH BRN 70% CLY STONE WH-YELLOW VERIGATED 20%.

60 - PETRIFIED WOOD 60% PCS SH SLY-COLORED SH 10% -30% UN-CONSOLIDATED CONG SD.

65 - PETRIFIED WOOD -BLK IN PART 70% - CONG SD & SH 30%.

70 - SAND - UN-CONSOLIDATED CG -SUB ROUND -SUB ANG-TRANSL-MILKY.

75 - SAND AS ABOVE- UNCONSOLIDATED 80% -SCATTERED PETRIFIED WOOD- SH BLU-GRY PURPLE 20%

80 - SAND SAME, AND PETRIFIED WOOD (50%).

85 - SAND 30% SH RED- CONG 40% - PETRIFIED WOOD 30%.

90 - SLT ST - GRY GRY-GREEN LAVENDER - SD AS ABOVE 20%.

95 - SLT ST GRY-DRK GRY SDY - SD GRN V F G SILTY 30%.

200 - SLT ST LT GRY GRY-GREEN PEPPERED IN PT - SANDY IN PT.

05 - SH VERICOLORED 40% -BENTONITIC, SD F-GRAIN - CEMENTED.

10 - SAME

15 - SAME

20 - SAME

1-90

220-25 - SH & SLT ST -RED 50% -SD CONG MED-CG GRY 50%.

28 - SAME

CORE 228-242½ (14½) REC 9.5'

7.71' SH SLTY REDDISH BRN, MICACEOUS FLECKED W/GREEN SH.

0.83' - SH, GREEN & REDDISH BRN INTERMIXED.

0.96' -SH EARTHY -GRY-GREEN - MICACEOUS W/BLK MINERAL FLECKS, INTERSPERSED - (SOME RESEMBLE FOSSIL CARBON)

CORE 242½-54 (REC 9.75')

4.02' SD, F-MG FROSTED SUB ROUNDED, MICACEOUS (LARGE BIOTITE FLECKS, CONG IN APPEARANCE) SHY (GREEN-THIN) STRIATION.)

1.5' SD, SLTY, F-G - STRIATED, HIGHLY MICACEOUS.

0.73' SD F-MG FROSTED- SUB ROUNDED- MICACEOUS -LARGE BIOTITE FLECKS, BRN & GREEN SH STRIATIONS.

1.5' INTERMIXED SD AS ABOVE AND SH REDDISH BRN.

2.0' SHALE GREY-GREEN - SLTY W/BLK MINERAL FLECKS.

CORE 254-57 (REC 2.8')

0.65' SD -F-MG SUB RD - MICA- BRN-GREEN SH STRIATIONS.

0.25' SH - CONG - BLK MINERAL FLECKS.

1.9' SD - FG SUB RD - MICA STRIATIONS OF BRN AND GREEN SH.

CORE 257-66 (REC 9')

1.16' SD AS ABOVE

1.8' CONG SH.

2.45' SD - TIGHT LG-MG CONG IN APPEARANCE- BIOTITIC - SILTY.

0.2' SH - REDDISH BRN SLTY.

1.9' SD CONG AS ABOVE - HIGHLY MIC (BIOTITE)

1.49 -SD - HIGHLY SILTY, VERY UN-CONSOLIDATED BROWNISH GREEN IN APPEARANCE.

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